



For 09/759,774

SHEET 1 OF 1

FORM PTO-1449 & TRADEMARK OFFICE (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TER-002.2P	SERIAL NO. 08/684,243
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT RAKIB, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 19, 1996	GROUP 2602

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
KN	A	5,751,739	May 12, 1998	Seshadri, et al.	371	43	Apr. 29, 1994
KN	B	4,218,654	Aug. 19, 1980	Ogawa, et al.	370	97	Feb. 21, 1979
KN	C	5,072,445	Dec. 10, 1991	Nawata	370	104	Nov. 30, 1989
KN	D	5,617,410	Apr. 1, 1997	Matsumoto	370	342	Mar. 15, 1995
KN	E	5,712,982	Jan. 27, 1998	Marcel	395	200.17	Sep. 20, 1995
KN	F	5,745,484	Apr. 28, 1998	Scott	370	347	Jun. 5, 1995
KN	G	5,761,198	Jun. 2, 1998	Kojima	370	337	Sep. 22, 1995
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FOREIGN PATENT DOCUMENTS

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For 09/759,774

SHEET 1 OF 1

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TER-002.3P	SERIAL NO. 08/895,612
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT RAKIB, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 16, 1997	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
AN	A	5,499,236	Mar 12, 1996	Giallorenzi, et al.	370	18	Aug 16, 1994
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## FOREIGN PATENT DOCUMENTS

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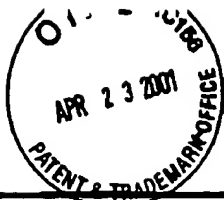
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SHEET 1 OF 1

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(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
TER-002.3PSERIAL NO.  
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STATEMENT BY APPLICANTAPPLICANT  
RAKIB, et al.

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FILING DATE  
February 9, 1998GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
MA	A	5,488,412	Jan 30, 1996	Majeti, et al.	348	10	Mar 31, 1994
MA	B	5,512,935	Apr 30, 1996	Majeti, et al.	348	9	Mar 31, 1994
MA	C	5,534,913	Jul 9, 1996	Majeti, et al.	348	7	Mar 31, 1994
MA	D	5,586,121	Dec 17, 1996	Moura, et al.	370	404	Apr 21, 1995
MA	E	5,594,872	Jan 14, 1997	Kawano, et al.	395	200.15	Apr 26, 1994
MA	F	5,608,446	Mar 4, 1997	Carr, et al.	348	6	May 9, 1995
MA	G	5,608,728	Mar 4, 1997	Ulm, et al.	370	488	Apr 13, 1995
MA	H	5,619,531	Apr 8, 1997	Taylor, et al.	375	222	Nov 14, 1994
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## FOREIGN PATENT DOCUMENTS

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For 09/759,774

SHEET 1 OF 4

FORM PTO-1449  
(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
TER-002.3P

SERIAL NO.  
08/895,612

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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FILING DATE  
July 16, 1997

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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
RA	A	5,442,627	Aug. 15, 1995	Viterbi, et al.	370	22	Jun. 24, 1993
BR	B	5,452,328	Sep. 19, 1995	Rice	375	210	Jul. 30, 1993
BR	C	5,090,024	Feb. 18, 1992	Vander Mey, et al.	375	1	Aug. 23, 1989
BR	D	4,933,930	Jun. 12, 1990	Lien et al.	370	18	Oct. 31, 1988
BR	E	5,448,555	Sep. 5, 1995	Bremer et al.	370	20	Jun. 14, 1993
BR	F	5,404,570	Apr. 4, 1995	Charas et al.	455	22	Nov. 23, 1992
BR	G	5,440,585	Aug. 8, 1995	Partridge, III	375	261	Jun. 14, 1993
BR	H	4,723,164	Feb. 2, 1988	Nienaber	358	148	Jun. 28, 1985
BR	I	5,418,813	May 23, 1995	Schaffner et al.	375	205	Dec. 6, 1993
BR	J	4,926,130	May 15, 1990	Weaver	328	14	Jan. 19, 1988
BR	K	5,224,122	Jun. 29, 1993	Bruckert	375	1	Jun. 29, 1992
BR	L	5,325,394	Jun. 28, 1994	Bruckert	375	1	Mar. 3, 1993
BR	M	4,773,066	Sep. 20, 1988	Kirkman	370	85	Apr. 15, 1986
BR	N	4,912,721	Mar. 27, 1990	Pidgeon Jr., et al.	375	1	Apr. 29, 1988
BR	O	5,235,619	Aug. 10, 1993	Beyers, II et al.	375	38	Mar. 20, 1990

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUB. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BR	P	PCT/US95/10899	Mar. 21, 1996	PCT			X	
BR	Q	PCT/US95/04329	Oct. 26, 1995	PCT			X	
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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
BR	T	Westlaw Dialog Search
BR	U	R. De Gaudenzi et al., "Performance Evaluation of Quasi-Synchronous Code Division Multiple Access (QS-CDMA) for Satellite Mobile Systems," GLOBECOM '90: IEEE Global Telecommunications Conference, 1800-1804. (04/1990)

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SHEET 2 OF 4

FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
TER-002.3PSERIAL NO.  
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July 16, 1997GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
MA	A	4,811,365	Mar 7, 1989	Manno	375	107	Nov 7, 1986
BN	B	5,425,027	Jun 13, 1995	Baran	370	69.1	Jan 4, 1993
BP	C	4,688,210	Aug 18, 1987	Eizenhofer, et al.	370	335	Mar 18, 1986
MA	D	5,539,730	Jul 23, 1996	Dent	370	320	Jan 11, 1994
MA	E	5,533,013	Jul 2, 1996	Leppanen	370	206	Apr 11, 1995
MA	F	5,481,533	Jan 2, 1996	Honig, et al.	375	206	May 12, 1994
MA	G	5,390,166	Feb 14, 1995	Rohani, et al.	370	335	Jul 14, 1993
BN	H	5,363,404	Nov 8, 1994	Kotzin, et al.	370	352	Jul 13, 1993
BP	I	5,345,439	Sep 6, 1994	Marston	370	18	Apr 23, 1993
MA	J	5,347,304	Sep 13, 1994	Moura, et al.	348	12	Jul 28, 1993
BP	K	4,475,208	Oct 2, 1984	Ricketts	375	1	Jan 18, 1982
MA	L	4,635,274	Jan 6, 1987	Kubota	375	1	Apr 25, 1985
MA	M	5,463,660	Oct. 31, 1995	Fukasawa, et al.	375	205	Aug. 3, 1994
MA	N	5,442,662	Aug. 15, 1995	Fukasawa, et al.	375	205	Jun. 16, 1994
MA	O	5,414,699	May 9, 1995	Lee	370	18	Sep. 27, 1993

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUB. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL		
MA	T	R. Lupas et al., "Linear Multiuser Detectors for Synchronous Code Division Multiple Access Channels," IEEE Transactions on Information Theory, Vol. 35, Issue 1, pgs. 123-136. (01/1989)
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SHEET 3 OF 4

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July 16, 1997GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
gbr	A	5,345,472	Sep. 6, 1994	Lee	375	1	Aug. 2, 1993
MR	B	5,297,162	Mar. 22, 1994	Lee, et al.	375	1	Jun. 4, 1993
MR	C	5,327,455	Jul. 5, 1994	De Gaudenzi, et al.	375	1	Mar. 18, 1993
MR	D	5,319,634	Jun. 7, 1994	Bartholomew, et al.	370	18	Oct. 7, 1991
MR	E	5,416,797	May 16, 1995	Gilhousen, et al.	375	705	Jan. 24, 1992
MR	F	4,554,579	Nov. 19, 1985	Citta	358	86	Sep. 6, 1984
MR	G	4,553,161	Nov. 12, 1985	Citta	358	86	Sep. 6, 1984
MR	H	5,231,664	Jul. 27, 1993	Bestler, et al.	380	20	Nov. 14, 1991
MR	I	5,239,557	Aug. 24, 1993	Dent	371	1	Apr. 10, 1992
MR	J	4,460,992	Jul. 17, 1984	Gutleber	370	19	Nov. 4, 1982
MR	K	5,363,403	Nov. 8, 1994	Schilling, et al.	375	1	Apr. 22, 1993
MR	L	4,470,138	Sep. 4, 1984	Gutleber	370	18	Nov. 4, 1982
MR	M	5,394,391	Feb. 28, 1995	Chen, et al.	370	18	Oct. 15, 1992
MR	N	5,442,625	Aug. 15, 1995	Gitlin, et al.	370	18	May 13, 1994
MR	O	5,233,630	Aug. 3, 1993	Wolf	375	67	May 3, 1991
MR	P	4,757,460	Jul. 12, 1988	Bione, et al.	364	514	Jun. 14, 1985
MR	Q	5,235,615	Aug. 10, 1993	Omura	375	1	Jul. 21, 1992
MR	R	5,373,502	Dec. 13, 1994	Turban	370	18	Mar. 25, 1993
MR	S	5,353,300	Oct. 4, 1994	Lee, et al.	375	1	Jun. 7, 1993
MR	T	5,193,094	Mar. 9, 1993	Viterbi	371	43	Mar. 7, 1990
MR	U	5,359,624	Oct. 25, 1994	Lee, et al.	375	1	Jun. 7, 1993
MR	V	5,309,474	May 3, 1994	Gilhousen, et al.	375	1	Mar. 27, 1992
MR	W	5,280,472	Jan. 18, 1994	Gilhousen, et al.	370	18	Mar. 9, 1992
MR	X	5,313,454	May 17, 1994	Bustini, et al.	370	13	Apr. 1, 1992
MR	Y	5,467,342	Nov. 14, 1995	Longston, et al.	370	17	Oct. 5, 1994
MR	Z	5,305,308	Apr. 19, 1994	English, et al.	370	32.1	Oct. 29, 1992

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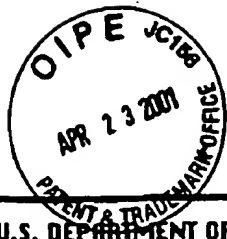
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SHEET 4 OF 4

FORM PTO-1449  
(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE  
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ATTY. DOCKET NO.  
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
KR	A	4,748,681	May 31, 1998	Schmidt	455	33	Apr. 28, 1986
MA	B	5,295,152	Mar. 15, 1994	Gudmundson, et al.	375	1	Apr. 10, 1992
PN	C	5,442,700	Aug. 15, 1995	Snell, et al.	380	15	Sep. 22, 1994
MA	D	5,557,316	Sep. 17, 1996	Hoarty, et al.	348	7	Sep. 29, 1994
MA	E	5,511,067	Apr. 23, 1996	Miller	370	18	Jun. 17, 1994
MA	F	5,398,258	Mar. 14, 1995	Su, et al.	375	200	Oct. 26, 1993
MA	G	5,583,853	12/10/1996	Giallorenzi, et al.	370	441	11/28/95
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